					U.	S. Patent an	d Tradem	ark Office;	U.S.	DEPARTMEN	6. OMB 0651-0032	
Under the Paperwork Reduction Act of 1995, no persons are requir								65857-0112				
UTILITY								Christopher L. Schwab				
PATENT APPLICATION				1 1131 1	T	Cili	Christopher L. Schwab					
TRANSMITTAL				Title	Title HOSE COUPLING				ивι	_Y	Ď.	
(Only for new nonprovisional applications under 37 CFR 1.53(b))					Express Mail Label No. EV2			239577	′53เ	JS	858	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.					MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450							
 2. 3. 	X Specifical Specifica	n original, and t claims sm CFR 1.27. ation I arrangemen riptive title of to Reference to ment Regardi computer pro- ground of the	o Related Applications ing Fed sponsored R & D ence listing, a table, gram listing appendix Invention	9 1	1	Nucleotide (if applicab a. Con b. Specifica i. C. Stat	uter Progr and/or An le, all nec nputer Rea ation Sequ CD-RC ements ve	ram (Apper nino Acid S essary) adable For uence Listin DM or CD-F erifying ide	ndix) Seque m (C ng on R (2 c	::	ii. Paper s	
- Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure					9. 10.	DOZ CED 3 70/h) Statement Power of						
4.	I. X Drawing(s) (35 U.S.C. 113) [Total Sheets 3]				11. English Translation Document (if applicable)							
5. (5. Oath or Declaration [Total Sheets]				12.	12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations						
	a. Nev	vly executed	d (original or copy)		13. Preliminary Amendment							
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. X Application Data Sheet. See 37 CFR 1.76					14. 15. 16. 17.	X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Other:						
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the												
For	specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by											
refe	erence. The in	corporation	can only be relied upon when	n a portion ha	s been	inadvertenti	y omitted	from the s	ubmi	tted application	n parts.	
			19.	CORRESPO	NDEN	ICE ADDF	ESS					
	X Custome	er Number:	102			OF		Corresp	onde	nce address b	elow	
RADER, FISHMAN & GRAUER PLLC Michael B. Stewart					C 							
Address 39533 Woodward Avenue Suite 140												
City	/	Bloomfield Hills State			MI			Zip Code 48304				
Col	untry	US				(248) 594-0600			Fax (248) 594-0610		-0610	
T	Name (Print/	Type)	Bradley J. Diedrich		Registration No. (Attor			rney/Agent)	47,526		
Signature Studies ()			Frolle 1)	Mh				Date	0	ectober 30, 2003		

Utility Patent Application Transmittal

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV223957753US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 30, 2003

Signature: Xattrus

(Kathryn L. Nash)



		Complete if Known											
FEE TRANSMITTAL	ſ	Application Number				Not Yet Assigned							
for EV 2004	ı	Filing Date				October 30, 2003							
for FY 2004	Ī	First Named Inventor			itor	Christopher L. Schwab							
Effective 10/01/2003, Patent fees are subject to annual revision.		Examiner Name				Not Yet Assigned							
Applicant claims small entity status. See 37 CFR 1.27	Art Unit				N/A								
TOTAL AMOUNT OF PAYMENT (\$) 856.00	Attorney Docket No. 65857-0112				12								
METHOD OF PAYMENT (check all that apply)				FEE	CALCUL	ATION (co	ntinued)						
Credit Money	3 ^	DDITIO	SNAI	EEES		,	<u> </u>						
Check Card Order Other None	J. 7		/IVAL	LLO									
X Deposit Account:	Large	Entity	Smal	l Entity									
Deposit Account 18-0013	Fee	Fee	Fee	Fee	-	Fee Desc	rintion						
Number	Code	(\$)	Code	(\$)		Fee Description Fee							
Deposit Account Rader, Fishman & Grauer PLLC	1051	130	2051	65	Surcharge -	rcharge – late filing fee or oath							
Name The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge sheet.	- late provisio	onal filing fee or cover						
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130		h specificatior	n	\vdash					
Charge any additional fee(s) during the pendency of this					_		\vdash						
application	1812	2,520	1812		_	equest for <i>ex p</i> publication o	<u> </u>						
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Examiner a	ction							
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting Examiner a	publication o ction							
FEE CALCULATION	1251	110	2251	55		or reply within							
1. BASIC FILING FEE	1252	420	2252	210			second month						
Large Entity Small Entity Fee Fee Fee Fee <u>Fee Description</u> Fee Paid	1253	950	2253	475		or reply within							
Code (\$) Code (\$)	1254	1,480	2254	740			fourth month						
1001 770 2001 385 Utility filing fee 770.00	1255	2,010	2255	· ·		or reply within	i fifth month						
1002 340 2002 170 Design filing fee 1003 530 2003 265 Plant filing fee	1401	330 330	2401 2402	165 165	Notice of A	ppear of in support o	f an anneal						
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	-	oral hearing	. arrappou						
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to i	nstitute a pub	lic use proceeding						
SUBTOTAL (1) (\$) 770.00	1452	110	2452	55	Petition to r	etition to revive – unavoidable							
30B101AE(1) (\$) 770.00	1453	1,330	2453	665	Petition to r	ion to revive - unintentional							
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from	1501	1,330	2501	665	Utility issue	/ issue fee (or reissue)							
Claims below Fee Paid	1502	480	2502	240	Design issu								
Total Claims 12 -20** = x = 0.00	1503	640	2503	320	Plant issue			\vdash					
Claims 4 -3** = 1 x 86.00 = 86.00	1460	130	1460	130		the Commiss							
Multiple Dependent	1807	50	1807	50	•	fee under 37							
Large Entity Small Entity Fee Fee Fee Fee Fee	1806	180	1806	180			n Disclosure Stmt ssignment per	\vdash					
Fee Fee Code (\$) Fee Description	8021	40	8021	40	property (tir	nes number d	of properties)						
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a sub (37 CFR 1.		final rejection						
1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	For each ac	dditional inver							
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385	•	37CFR 1.129 r Continued E	(b)) xamination (RCE)						
over original patent	1802	900	1802	900	Request for	r expedited ex							
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		ee (spec			of a design	application							
SUBTOTAL (2) (S) 86.00			• •	iling Fee	Paid	SUBTO	TAL (3) (\$)	0.00					
**or number previously paid, if greater; For Reissues, see above	neuu	COU DY E	asic F	miy Fee	. alu	305101	(a) [(a)	3.00					
SUBMITTED BY						(Complete	(if applicable))						
Name (Print/Type) Bradley, J. Diedrich		ration No ay/Agent)	. 47	,526		T 	(248) 594-0651						
Simon Barlin Alla	Auoine	y/Ayeni)		·		Date	October 30, 200	03					
1 mount, you							Signature Date October 30, 2003						

Fee Transmittal

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV223957753US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 30, 2003

Lathry L. Nash) Signature:

Application No. (if known):	Attorney Docket No.: 65857-0112
Certificate of Express Mailir	ng Under 37 CFR 1.10
I hereby certify that this correspondence is being depo Express Mail, Airbill No. EV223957753US in an envel	osited with the United States Postal Service as lope addressed to:
MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
on October 30, 2003	

Kathryn L. Nash
Typed or printed name of person signing Certificate

Note:

Application Data Sheet

Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.